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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in CAPLUS
NEWS 6 May 27 CAPLUS super roles and document types searchable in REGISTRY
NEWS 7 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
and WATER from CSA now available on STN(R)
NEWS 9 Jul 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS
NEWS 10 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction
with the 228th ACS National Meeting
NEWS 11 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
fields
NEWS 12 AUG 02 CAPLUS and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 13 AUG 02 STN User Update to be held August 22 in conjunction with the
228th ACS National Meeting
NEWS 14 AUG 02 The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available
NEWS 15 AUG 04 Pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover! will change September 1, 2004
NEWS 16 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 17 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 18 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 19 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 20 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX

NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:08:51 ON 03 SEP 2004

=> file .agbiotech	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 16:09:08 ON 03 SEP 2004
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FILE 'CABA' ENTERED AT 16:09:08 ON 03 SEP 2004
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FILE 'AGRICOLA' ENTERED AT 16:09:08 ON 03 SEP 2004

FILE 'BIOSIS' ENTERED AT 16:09:08 ON 03 SEP 2004
Copyright (c) 2004 The Thomson Corporation.

=> s gemini
L1 1610 GEMINI

=> s geminivirus
L2 4534 GEMINIVIRUS

=> s coliphage
L3 6342 COLIPHAGE

=> s l3 and m13
L4 472 L3 AND M13

=> d his

(FILE 'HOME' ENTERED AT 16:08:51 ON 03 SEP 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 16:09:08 ON 03 SEP 2004

L1	1610 S GEMINI
L2	4534 S GEMINIVIRUS
L3	6342 S COLIPHAGE
L4	472 S L3 AND M13

=> d l4

L4 ANSWER 1 OF 472 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:681299 CAPLUS
DN 141:170473
TI Biomolecule analysis by rolling circle amplification and SERS detection and system for such analysis
IN Sun, Lei; Su, Xing
PA USA
SO U.S. Pat. Appl. Publ., 17 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004161750	A1	20040819	US 2003-367071	20030214
PRAI	US 2003-367071		20030214		

=> s (gene 5 protein)
L5 510 (GENE 5 PROTEIN)

=> s coliphage and l5
L6 21 COLIPHAGE AND L5

=> s m13 and l6
L7 6 M13 AND L6

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 5 DUP REM L7 (1 DUPLICATE REMOVED)

=> d 1-5

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:694692 CAPLUS
DN 135:368486
TI Role of the C-terminal residue of the DNA polymerase of bacteriophage T7
AU Kumar, Jaya K.; Tabor, Stanley; Richardson, Charles C.
CS Department of Biological Chemistry and Molecular Pharmacology, Harvard
Medical School, Boston, MA, 02115, USA
SO Journal of Biological Chemistry (2001), 276(37), 34905-34912
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:577007 CAPLUS
DN 131:211772
TI Use of single-stranded DNA-binding proteins of Inoviridae to increase
plant resistance to single-stranded DNA viruses
IN Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
PA Scripps Research Institute, USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945101	A1	19990910	WO 1999-US4716	19990303
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9928013	A1	19990920	AU 1999-28013	19990303
	AU 761598	B2	20030605		
	BR 9908492	A	20001205	BR 1999-8492	19990303

TR 200002544 T2 20001221 TR 2000-200002544 19990303
 EP 1082409 A1 20010314 EP 1999-908632 19990303
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 PRAI US 1998-76627P A2 19980303
 WO 1999-US4716 W 19990303
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:63248 CAPLUS
 DN 130:247781
 TI A phage single-stranded DNA (ssDNA) binding protein complements ssDNA
 accumulation of a geminivirus and interferes with viral movement
 AU Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
 CS Division of Plant Biology, The Scripps Research Institute, International
 Laboratory for Tropical Agricultural Biotechnology (ILTAB/ORSTOM-TSRI), La
 Jolla, CA, 92037, USA
 SO Journal of Virology (1999), 73(2), 1609-1616
 CODEN: JOVIAM; ISSN: 0022-538X
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 AN 1981:456791 CAPLUS
 DN 95:56791
 TI Double-resonance experiments at 500 MHz on **gene-5**
 protein and its complex with octadeoxyriboadenylic acid
 AU Alma, N. C. M.; Harmsen, B. J. M.; Hull, W. E.; Van der Marel, G.; Van
 Boom, J. H.; Hilbers, C. W.
 CS Dep. Biophys. Chem., Univ. Nijmegen, Nijmegen, Neth.
 SO Biochemistry (1981), 20(15), 4419-28
 CODEN: BICHAW; ISSN: 0006-2960
 DT Journal
 LA English

L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1972:32170 CAPLUS
 DN 76:32170
 TI Role of **coliphage M13** gene 5 in single-stranded DNA
 production
 AU Salstrom, John S.; Pratt, David
 CS Dep. Bacteriol., Univ. Wisconsin, Madison, WI, USA
 SO Journal of Molecular Biology (1971), 61(3), 489-501
 CODEN: JMOBAK; ISSN: 0022-2836
 DT Journal
 LA English

=> d hi
 'HI' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
 ALL ----- BIB, AB, IND, RE
 APPS ----- AI, PRAI
 BIB ----- AN, plus Bibliographic Data and PI table (default)
 CAN ----- List of CA abstract numbers without answer numbers

CBIB ----- AN, plus Compressed Bibliographic Data
 DALL ----- ALL, delimited (end of each field identified)
 DMAX ----- MAX, delimited for post-processing
 FAM ----- AN, PI and PRAI in table, plus Patent Family data
 FBIB ----- AN, BIB, plus Patent FAM
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 MAX ----- ALL, plus Patent FAM, RE
 PATS ----- PI, SO
 SAM ----- CC, SX, TI, ST, IT
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
 STD ----- BIB, IPC, and NCL

 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IMAX ----- MAX, indented with text labels
 ISTD ----- STD, indented with text labels

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

 HIT ----- Fields containing hit terms
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

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The following are valid formats:

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 ALL ----- BIB, AB, IND, RE
 APPS ----- AI, PRAI
 BIB ----- AN, plus Bibliographic Data and PI table (default)

CAN ----- List of CA abstract numbers without answer numbers
 CBIB ----- AN, plus Compressed Bibliographic Data
 DALL ----- ALL, delimited (end of each field identified)
 DMAX ----- MAX, delimited for post-processing
 FAM ----- AN, PI and PRAI in table, plus Patent Family data
 FBIB ----- AN, BIB, plus Patent FAM
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 MAX ----- ALL, plus Patent FAM, RE
 PATS ----- PI, SO
 SAM ----- CC, SX, TI, ST, IT
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
 STD ----- BIB, IPC, and NCL

 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IMAX ----- MAX, indented with text labels
 ISTD ----- STD, indented with text labels

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

 HIT ----- Fields containing hit terms
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.
 ENTER DISPLAY FORMAT (BIB):end

=> d his

(FILE 'HOME' ENTERED AT 16:08:51 ON 03 SEP 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 16:09:08 ON 03 SEP 2004

L1 1610 S GEMINI
 L2 4534 S GEMINIVIRUS

```

L3      6342 S COLIPHAGE
L4      472 S L3 AND M13
L5      510 S (GENE 5 PROTEIN)
L6      21 S COLIPHAGE AND L5
L7      6 S M13 AND L6
L8      5 DUP REM L7 (1 DUPLICATE REMOVED)

```

=> l1 and virus

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and virus

L9 244 L1 AND VIRUS

=> s (single stranded dna virus)

L10 13305 (SINGLE STRANDED DNA VIRUS)

=> s (single stranded dna binding)

L11 3624 (SINGLE STRANDED DNA BINDING)

=> s m13 and l11

L12 195 M13 AND L11

=> s l12 and l2

L13 3 L12 AND L2

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 2 DUP REM L13 (1 DUPLICATE REMOVED)

=> d 1-2

L14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:577007 CAPLUS

DN 131:211772

TI Use of **single-stranded DNA-binding**

proteins of Inoviridae to increase plant resistance to single-stranded DNA viruses

IN Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.

PA Scripps Research Institute, USA

SO PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945101	A1	19990910	WO 1999-US4716	19990303
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9928013	A1	19990920	AU 1999-28013	19990303
	AU 761598	B2	20030605		
	BR 9908492	A	20001205	BR 1999-8492	19990303
	TR 200002544	T2	20001221	TR 2000-200002544	19990303

EP 1082409 A1 20010314 EP 1999-908632 19990303
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
PRAI US 1998-76627P A2 19980303
WO 1999-US4716 W 19990303
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 1999:63248 CAPLUS
DN 130:247781
TI A phage single-stranded DNA (ssDNA) binding protein complements ssDNA
accumulation of a **geminivirus** and interferes with viral movement
AU Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
CS Division of Plant Biology, The Scripps Research Institute, International
Laboratory for Tropical Agricultural Biotechnology (ILTAB/ORSTOM-TSRI), La
Jolla, CA, 92037, USA
SO Journal of Virology (1999), 73(2), 1609-1616
CODEN: JOVIAM; ISSN: 0022-538X
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 16:08:51 ON 03 SEP 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 16:09:08 ON 03 SEP 2004

L1 1610 S GEMINI
L2 4534 S GEMINIVIRUS
L3 6342 S COLIPHAGE
L4 472 S L3 AND M13
L5 510 S (GENE 5 PROTEIN)
L6 21 S COLIPHAGE AND L5
L7 6 S M13 AND L6
L8 5 DUP REM L7 (1 DUPLICATE REMOVED)
L9 244 S L1 AND VIRUS
L10 13305 S (SINGLE STRANDED DNA VIRUS)
L11 3624 S (SINGLE STRANDED DNA BINDING)
L12 195 S M13 AND L11
L13 3 S L12 AND L2
L14 2 DUP REM L13 (1 DUPLICATE REMOVED)

=> s 12 and 13

L15 4 L2 AND L3

=> dup rem l15

PROCESSING COMPLETED FOR L15

L16 4 DUP REM L15 (0 DUPLICATES REMOVED)

=> d 1-4

L16 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:796846 CAPLUS
DN 139:302944
TI Site-specific DNA integration into plant genomes by introducing att
recognition sites into target DNA and supplying modified λ
integrase complex
IN Suttie, Janet Louise; Chilton, Mary-dell; Que, Qiudeng; Deframond, Anic

PA Syngenta Participations Ag, Switz.
SO PCT Int. Appl., 214 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003083045	A2	20031009	WO 2003-US10124	20030328
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003226164	A1	20031204	US 2003-403232	20030328
PRAI	US 2002-369041P	P	20020329		
	US 2002-425512P	P	20021112		

L16 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:778096 CAPLUS
DN 137:289890
TI DART conjugates of proteins and nucleic acids for use as analytical and therapeutic tools
IN Roberts, Radclyffe L.; De Figueiredo, Paul
PA University of Washington, USA
SO PCT Int. Appl., 205 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002079393	A2	20021010	WO 2002-US10566	20020402
	WO 2002079393	C2	20021114		
	WO 2002079393	A3	20040527		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-281133P	P	20010402		
	US 2001-281342P	P	20010403		

L16 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:577007 CAPLUS
DN 131:211772
TI Use of single-stranded DNA-binding proteins of Inoviridae to increase plant resistance to single-stranded DNA viruses
IN Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
PA Scripps Research Institute, USA
SO PCT Int. Appl., 70 pp.

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 FAN.CNT 1

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	AU 9928013	A1	19990920	AU 1999-28013	19990303
	AU 761598	B2	20030605		
	BR 9908492	A	20001205	BR 1999-8492	19990303
	TR 200002544	T2	20001221	TR 2000-200002544	19990303
	EP 1082409	A1	20010314	EP 1999-908632	19990303
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1998-76627P	A2	19980303		
	WO 1999-US4716	W	19990303		

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 DN 130:247781
 TI A phage single-stranded DNA (ssDNA) binding protein complements ssDNA
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 CS Division of Plant Biology, The Scripps Research Institute, International
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 Jolla, CA, 92037, USA
 SO Journal of Virology (1999), 73(2), 1609-1616
 CODEN: JOVIAM; ISSN: 0022-538X
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 16:08:51 ON 03 SEP 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 16:09:08 ON 03 SEP 2004

L1 1610 S GEMINI
 L2 4534 S GEMINIVIRUS
 L3 6342 S COLIPHAGE
 L4 472 S L3 AND M13
 L5 510 S (GENE 5 PROTEIN)
 L6 21 S COLIPHAGE AND L5
 L7 6 S M13 AND L6
 L8 5 DUP REM L7 (1 DUPLICATE REMOVED)
 L9 244 S L1 AND VIRUS
 L10 13305 S (SINGLE STRANDED DNA VIRUS)
 L11 3624 S (SINGLE STRANDED DNA BINDING)
 L12 195 S M13 AND L11

L13	3 S L12 AND L2
L14	2 DUP REM L13 (1 DUPLICATE REMOVED)
L15	4 S L2 AND L3
L16	4 DUP REM L15 (0 DUPLICATES REMOVED)

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
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Term:	<input type="text" value="l1 and L2"/>
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Display:	<input type="text" value="10"/>	Documents in Display Format:	<input type="text" value="CIT"/>	Starting with Number	<input type="text" value="1"/>
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Generate:	<input type="radio"/> Hit List	<input checked="" type="radio"/> Hit Count	<input type="radio"/> Side by Side	<input type="radio"/> Image
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Search History

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<i>DB=EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L3</u>	l1 and L2	2	<u>L3</u>
<u>L2</u>	coliphage	31	<u>L2</u>
<u>L1</u>	geminivirus	48	<u>L1</u>

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[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: WO 9945101 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 2

File: EPAB

Sep 10, 1999

PUB-NO: WO009945101A1

DOCUMENT-IDENTIFIER: WO 9945101 A1

TITLE: RESISTANCE IN PLANTS TO INFECTION BY ssDNA VIRUS USING INOVIRIDAE VIRUS
ssDNA-BINDING PROTEIN, COMPOSITIONS AND METHODS OF USE

PUBN-DATE: September 10, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
PADIDAM, MALLA	US
BEACHY, ROGER N	US
FAUQUET, CLAUDE M	US

INT-CL (IPC): [C12 N 5/04](#); [C12 N 5/14](#); [C12 N 15/05](#); [C12 N 15/31](#); [C12 N 15/63](#); [C12 N 15/82](#); [A01 H 1/00](#); [A01 H 5/00](#)

EUR-CL (EPC): C12N015/82; C07K014/01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw De
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☐ 2. Document ID: AU 2003244592 A1, WO 9945101 A1, AU 9928013 A, BR 9908492 A, EP 1082409 A1, CN 1292815 A, MX 2000008558 A1, KR 2001087737 A, AU 761598 B

L3: Entry 2 of 2

File: DWPI

Oct 2, 2003

DERWENT-ACC-NO: 1999-551037

DERWENT-WEEK: 200428

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TITLE: Producing plants resistant to single stranded DNA virus, using a single stranded DNA-binding protein of the Inoviridae virus family

INVENTOR: BEACHY, R N; FAUQUET, C M ; PADIDAM, M ; MAGNIER, C

PRIORITY-DATA: 1998US-076627P (March 3, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 2003244592 A1	October 2, 2003		000	C12N005/04
WO 9945101 A1	September 10, 1999	E	069	C12N005/04

<u>AU 9928013 A</u>	September 20, 1999	000	
<u>BR 9908492 A</u>	December 5, 2000	000	C12N005/04
<u>EP 1082409 A1</u>	March 14, 2001	000	C12N005/04
<u>CN 1292815 A</u>	April 25, 2001	000	C12N005/04
<u>MX 2000008558 A1</u>	March 1, 2001	000	A01H001/00
<u>KR 2001087737 A</u>	September 21, 2001	000	C12N005/04
<u>AU 761598 B</u>	June 5, 2003	000	C12N005/04

INT-CL (IPC): A01 H 1/00; A01 H 1/000; A01 H 5/00; A01 H 5/000; C12 N 5/04; C12 N 5/14; C12 N 5/144; C12 N 15/05; C12 N 15/055; C12 N 15/31; C12 N 15/311; C12 N 15/63; C12 N 15/633; C12 N 15/82; C12 N 15/822

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMCD	Draw De
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Terms	Documents
L1 and L2	2

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Refine Search

Search Results -

Terms	Documents
L4 and coliphage	3

1198

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
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 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Search History

DATE: Friday, September 03, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

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result set

DB=USPT; PLUR=YES; OP=OR

<u>L16</u>	l4 and coliphage	3	<u>L16</u>
<u>L15</u>	inoviridae	8	<u>L15</u>
<u>L14</u>	l2 and L13	7	<u>L14</u>
<u>L13</u>	plant and l5	201	<u>L13</u>
<u>L12</u>	(gene 5 protein)	3310056	<u>L12</u>
<u>L11</u>	(gene 5 protein)	3310056	<u>L11</u>
<u>L10</u>	(gene 5 protein)	3310056	<u>L10</u>
<u>L9</u>	l8 and l6	37	<u>L9</u>
<u>L8</u>	single adj stranded adj dna adj virus	87	<u>L8</u>
<u>L7</u>	virus and L6	6471	<u>L7</u>
<u>L6</u>	m13	10949	<u>L6</u>
<u>L5</u>	coliphage	444	<u>L5</u>
<u>L4</u>	virus and L3	470	<u>L4</u>
<u>L3</u>	gemini	1864	<u>L3</u>

L2 geminivirus

156

L2L1 g

1200616

L1

END OF SEARCH HISTORY

Hit List

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Generate OACS				

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6284492 B1

L16: Entry 1 of 3

File: USPT

Sep 4, 2001

US-PAT-NO: 6284492

DOCUMENT-IDENTIFIER: US 6284492 B1

TITLE: Recombinant animal viral nucleic acids

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Grantham; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann M.	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 435/70.1; 435/235.1, 435/320.1, 435/325, 435/455, 435/456, 435/69.1, 536/23.1, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 2. Document ID: US 6054566 A

L16: Entry 2 of 3

File: USPT

Apr 25, 2000

US-PAT-NO: 6054566

DOCUMENT-IDENTIFIER: US 6054566 A

TITLE: Recombinant animal viral nucleic acids

DATE-ISSUED: April 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		

Granthan; George L.	Riverside	CA
Turpen; Thomas H.	Vacaville	CA
Turpen; Ann Myers	Vacaville	CA
Garger; Stephen J.	Vacaville	CA
Grill; Laurence K.	Vacaville	CA

US-CL-CURRENT: 536/23.1; 435/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 3. Document ID: US 5316931 A

L16: Entry 3 of 3

File: USPT

May 31, 1994

US-PAT-NO: 5316931

DOCUMENT-IDENTIFIER: US 5316931 A

TITLE: Plant viral vectors having heterologous subgenomic promoters for systemic expression of foreign genes

DATE-ISSUED: May 31, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Granthan; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann M.	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 800/288; 435/320.1, 435/69.1, 435/70.1, 536/23.72, 536/24.1,
800/301, 800/317.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L4 and coliphage	3

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 6284492 B1

L14: Entry 1 of 7

File: USPT

Sep 4, 2001

US-PAT-NO: 6284492

DOCUMENT-IDENTIFIER: US 6284492 B1

TITLE: Recombinant animal viral nucleic acids

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Grantham; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann M.	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 435/70.1; 435/235.1, 435/320.1, 435/325, 435/455, 435/456, 435/69.1, 536/23.1, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw De
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☐ 2. Document ID: US 6054566 A

L14: Entry 2 of 7

File: USPT

Apr 25, 2000

US-PAT-NO: 6054566

DOCUMENT-IDENTIFIER: US 6054566 A

TITLE: Recombinant animal viral nucleic acids

DATE-ISSUED: April 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		

Grantham; George L.	Riverside	CA
Turpen; Thomas H.	Vacaville	CA
Turpen; Ann Myers	Vacaville	CA
Garger; Stephen J.	Vacaville	CA
Grill; Laurence K.	Vacaville	CA

US-CL-CURRENT: 536/23.1; 435/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 3. Document ID: US 5889190 A

L14: Entry 3 of 7

File: USPT

Mar 30, 1999

US-PAT-NO: 5889190

DOCUMENT-IDENTIFIER: US 5889190 A

TITLE: Recombinant plant viral nucleic acids

DATE-ISSUED: March 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Grantham; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann Myers	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 800/288; 435/235.1, 435/468, 435/472, 435/475, 435/476, 435/69.1, 435/69.4, 435/69.52, 435/69.6, 435/70.1 , 536/23.72, 536/24.1, 536/24.5, 800/286, 800/298

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 4. Document ID: US 5866785 A

L14: Entry 4 of 7

File: USPT

Feb 2, 1999

US-PAT-NO: 5866785

DOCUMENT-IDENTIFIER: US 5866785 A

TITLE: Recombinant plant viral nucleic acids

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Granthan; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann Myers	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 800/298; 435/235.1, 435/320.1, 435/69.1, 435/69.4, 435/69.52,
435/69.6, 536/23.72, 536/24.1, 536/24.5, 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 5. Document ID: US 5589367 A

L14: Entry 5 of 7

File: USPT

Dec 31, 1996

US-PAT-NO: 5589367

DOCUMENT-IDENTIFIER: US 5589367 A

TITLE: Recombinant plant viral nucleic acids

DATE-ISSUED: December 31, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Granthan; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann M.	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 435/320.1; 435/69.1, 435/70.1, 536/23.72, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 6. Document ID: US 5316931 A

L14: Entry 6 of 7

File: USPT

May 31, 1994

US-PAT-NO: 5316931

DOCUMENT-IDENTIFIER: US 5316931 A

TITLE: Plant viral vectors having heterologous subgenomic promoters for systemic expression of foreign genes

DATE-ISSUED: May 31, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Grantham; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann M.	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 800/288; 435/320.1, 435/69.1, 435/70.1, 536/23.72, 536/24.1,
800/301, 800/317.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw. De
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☐ 7. Document ID: US 5122471 A

L14: Entry 7 of 7

File: USPT

Jun 16, 1992

US-PAT-NO: 5122471

DOCUMENT-IDENTIFIER: US 5122471 A

TITLE: Cloned genes coding for avian coccidiosis antigens which induce a cell-mediated immune response

DATE-ISSUED: June 16, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jenkins; Mark C.	Bowie	MD		
Lillehoj; Hyun S.	West Friendship	MD		
Dame; John B.	Gainesville	FL		
Danforth; Harry D.	Severn	MD		
Ruff; Michael D.	Bowie	MD		

US-CL-CURRENT: 435/252.3; 435/235.1, 435/252.33, 435/320.1, 435/69.3, 435/91.41,
530/300, 530/350, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw. De
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Documents

L2 and L13

7

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NEWS	12	AUG 02	CAplus and CA patent records enhanced with European and Japan Patent Office Classifications		
NEWS	13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting		
NEWS	14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available		
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NEWS	17	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC		
NEWS	18	SEP 01	INPADOC: New family current-awareness alert (SDI) available		
NEWS	19	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!		
NEWS	20	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX		
NEWS EXPRESS	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004			
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FILE 'BIOSIS' ENTERED AT 16:09:08 ON 03 SEP 2004

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=> s gemini

L1 1610 GEMINI

=> s geminivirus

L2 4534 GEMINIVIRUS

=> s coliphage

L3 6342 COLIPHAGE

=> s l3 and m13

L4 472 L3 AND M13

=> d his

(FILE 'HOME' ENTERED AT 16:08:51 ON 03 SEP 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 16:09:08 ON 03 SEP 2004

L1 1610 S GEMINI

L2 4534 S GEMINIVIRUS

L3 6342 S COLIPHAGE

L4 472 S L3 AND M13

=> d l4

L4 ANSWER 1 OF 472 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:681299 CAPLUS

DN 141:170473

TI Biomolecule analysis by rolling circle amplification and SERS detection and system for such analysis

IN Sun, Lei; Su, Xing

PA USA

SO U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004161750	A1	20040819	US 2003-367071	20030214
PRAI	US 2003-367071		20030214		

=> s (gene 5 protein)
L5 510 (GENE 5 PROTEIN)

=> s coliphage and l5
L6 21 COLIPHAGE AND L5

=> s ml3 and l6
L7 6 M13 AND L6

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 5 DUP REM L7 (1 DUPLICATE REMOVED)

=> d 1-5

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:694692 CAPLUS
DN 135:368486
TI Role of the C-terminal residue of the DNA polymerase of bacteriophage T7
AU Kumar, Jaya K.; Tabor, Stanley; Richardson, Charles C.
CS Department of Biological Chemistry and Molecular Pharmacology, Harvard
Medical School, Boston, MA, 02115, USA
SO Journal of Biological Chemistry (2001), 276(37), 34905-34912
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:577007 CAPLUS
DN 131:211772
TI Use of single-stranded DNA-binding proteins of Inoviridae to increase
plant resistance to single-stranded DNA viruses
IN Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
PA Scripps Research Institute, USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945101	A1	19990910	WO 1999-US4716	19990303
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9928013	A1	19990920	AU 1999-28013	19990303
	AU 761598	B2	20030605		
	BR 9908492	A	20001205	BR 1999-8492	19990303

TR 200002544 T2 20001221 TR 2000-200002544 19990303
 EP 1082409 A1 20010314 EP 1999-908632 19990303
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 PRAI US 1998-76627P A2 19980303
 WO 1999-US4716 W 19990303
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:63248 CAPLUS
 DN 130:247781
 TI A phage single-stranded DNA (ssDNA) binding protein complements ssDNA
 accumulation of a geminivirus and interferes with viral movement
 AU Padidam, Malla; Beachy, Roger N.; Fauquet, Claude M.
 CS Division of Plant Biology, The Scripps Research Institute, International
 Laboratory for Tropical Agricultural Biotechnology (ILTAB/ORSTOM-TSRI), La
 Jolla, CA, 92037, USA
 SO Journal of Virology (1999), 73(2), 1609-1616
 CODEN: JOVIAM; ISSN: 0022-538X
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 AN 1981:456791 CAPLUS
 DN 95:56791
 TI Double-resonance experiments at 500 MHz on **gene-5**
protein and its complex with octadeoxyriboadenylic acid
 AU Alma, N. C. M.; Harmsen, B. J. M.; Hull, W. E.; Van der Marel, G.; Van
 Boom, J. H.; Hilbers, C. W.
 CS Dep. Biophys. Chem., Univ. Nijmegen, Nijmegen, Neth.
 SO Biochemistry (1981), 20(15), 4419-28
 CODEN: BICHAW; ISSN: 0006-2960
 DT Journal
 LA English

L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1972:32170 CAPLUS
 DN 76:32170
 TI Role of **coliphage M13** gene 5 in single-stranded DNA
 production
 AU Salstrom, John S.; Pratt, David
 CS Dep. Bacteriol., Univ. Wisconsin, Madison, WI, USA
 SO Journal of Molecular Biology (1971), 61(3), 489-501
 CODEN: JMOBAK; ISSN: 0022-2836
 DT Journal
 LA English

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 containing hit terms
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 HITSEQ ----- HIT RN, its text modification, its CA index name, its
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 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
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 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
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 L2 4534 S GEMINIVIRUS

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Search Results - Record(s) 41 through 44 of 44 returned.

☐ 41. Document ID: US 5464758 A

L7: Entry 41 of 44

File: USPT

Nov 7, 1995

US-PAT-NO: 5464758

DOCUMENT-IDENTIFIER: US 5464758 A

TITLE: Tight control of gene expression in eucaryotic cells by tetracycline-responsive promoters

DATE-ISSUED: November 7, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gossen; Manfred	D-69115 Heidelberg			DE
Bujard; Hermann	D-69120 Heidelberg			DE

US-CL-CURRENT: 435/69.1; 435/320.1, 435/366, 435/70.1, 536/23.4, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw D
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☐ 42. Document ID: US 5428146 A

L7: Entry 42 of 44

File: USPT

Jun 27, 1995

US-PAT-NO: 5428146

DOCUMENT-IDENTIFIER: US 5428146 A

**** See image for Certificate of Correction ****

TITLE: Wound-stimulated DNA-sequence from solanum tuberosum and its use

DATE-ISSUED: June 27, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Logemann; Jurgen	Erftstadt			DE
Willmitzer; Lothar	Berlin			DE
Schell; Josef	Koln			DE

US-CL-CURRENT: 800/317.2; 435/320.1, 536/23.6, 536/24.1, 800/317.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw D
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☐ 43. Document ID: US 5416250 A

L7: Entry 43 of 44

File: USPT

May 16, 1995

US-PAT-NO: 5416250

DOCUMENT-IDENTIFIER: US 5416250 A

TITLE: Genetic control of ethylene biosynthesis in plants using S-adenosylmethionine hydrolase

DATE-ISSUED: May 16, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ferro; Adolph J.	Lake Oswego	OR		
Bestwick; Richard K.	Portland	OR		
Brown; Lyle R.	Corvallis	OR		

US-CL-CURRENT: 800/283; 435/320.1, 800/298, 800/317.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 44. Document ID: US 5316931 A

L7: Entry 44 of 44

File: USPT

May 31, 1994

US-PAT-NO: 5316931

DOCUMENT-IDENTIFIER: US 5316931 A

TITLE: Plant viral vectors having heterologous subgenomic promoters for systemic expression of foreign genes

DATE-ISSUED: May 31, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Donson; Jon	Davis	CA		
Dawson; William O.	Winter Haven	FL		
Grantham; George L.	Riverside	CA		
Turpen; Thomas H.	Vacaville	CA		
Turpen; Ann M.	Vacaville	CA		
Garger; Stephen J.	Vacaville	CA		
Grill; Laurence K.	Vacaville	CA		

US-CL-CURRENT: 800/288; 435/320.1, 435/69.1, 435/70.1, 536/23.72, 536/24.1, 800/301, 800/317.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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